

(1) Evaluation Result when Considering Links ('Survey'-type Evaluation)

Summary Statistics	
Run ID	K3100-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	35
Total number of documents over all topics	
Retrieved:	32197
Relevant:	3893
Rel-ret:	1363

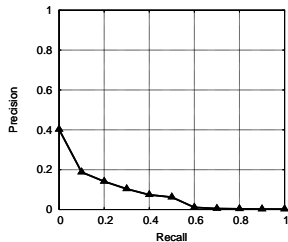
Summary Statistics	
Run ID	K3100-ds-01
Subtask	Subtask A (survey)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	35
Total number of documents over all topics	
Retrieved:	32197
Relevant:	5687
Rel-ret:	1885

Recall Level Precision Averages	
Recall	Precision
0.00	0.4019
0.10	0.1875
0.20	0.1410
0.30	0.1035
0.40	0.0739
0.50	0.0619
0.60	0.0107
0.70	0.0048
0.80	0.0034
0.90	0.0022
1.00	0.0022
Average precision over all relevant documents	
non-interpolated	0.0730

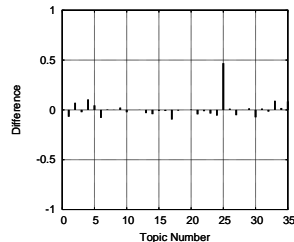
Document Level Averages	
	Precision
At 5 docs	0.2457
At 10 docs	0.2086
At 15 docs	0.1924
At 20 docs	0.1900
At 30 docs	0.1695
At 100 docs	0.1226
At 200 docs	0.0956
At 500 docs	0.0615
At 1000 docs	0.0389
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1052

Recall Level Precision Averages	
Recall	Precision
0.00	0.5046
0.10	0.2030
0.20	0.1662
0.30	0.1251
0.40	0.0800
0.50	0.0587
0.60	0.0144
0.70	0.0097
0.80	0.0024
0.90	0
1.00	0
Average precision over all relevant documents	
non-interpolated	0.0843

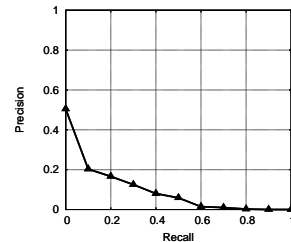
Document Level Averages	
	Precision
At 5 docs	0.3086
At 10 docs	0.2629
At 15 docs	0.2514
At 20 docs	0.2457
At 30 docs	0.2248
At 100 docs	0.1700
At 200 docs	0.1317
At 500 docs	0.0849
At 1000 docs	0.0539
R-Precision (precision after R docs retrieved (where R is the number of relevant documents))	
Exact	0.1227



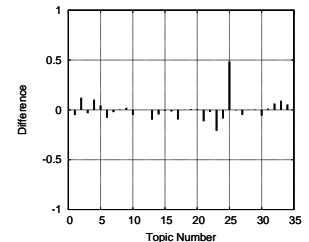
Recall-Precision Curve



Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

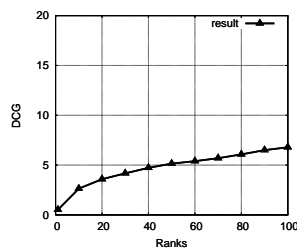


Recall-Precision Curve



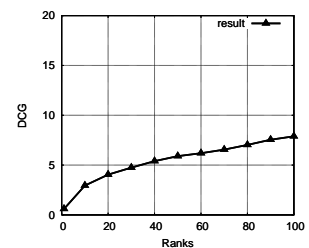
Difference from Median in Average Precision per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.5143
At 10 docs	2.6350
At 20 docs	3.5814
At 30 docs	4.1687
At 40 docs	4.7239
At 50 docs	5.1454
At 60 docs	5.3917
At 70 docs	5.6903
At 80 docs	6.0703
At 90 docs	6.4978
At 100 docs	6.7854
At 200 docs	8.7643
At 500 docs	11.9449
At 1000 docs	13.8143



Discounted Cumulative Gain Curve ($G_S = 3, G_A = 2, G_B = 0$)

Discounted (\log_2) Cumulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.6000
At 10 docs	2.9448
At 20 docs	4.0410
At 30 docs	4.7454
At 40 docs	5.3954
At 50 docs	5.8949
At 60 docs	6.1907
At 70 docs	6.5510
At 80 docs	7.0227
At 90 docs	7.5439
At 100 docs	7.8836
At 200 docs	10.2075
At 500 docs	13.9173
At 1000 docs	16.1267



Discounted Cumulative Gain Curve ($G_S = 3, G_A = 2, G_B = 1$)

* Topic Numbers: (1,2,3,4, 5, 6, 7, 8, 9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35)
 Topic IDs: (1,3,4,6,19,21,22,23,28,29,34,44,45,55,58,61,62,63,65,68,70,71,73,74,76,80,82,84,86,88,91,95,97,98,99)

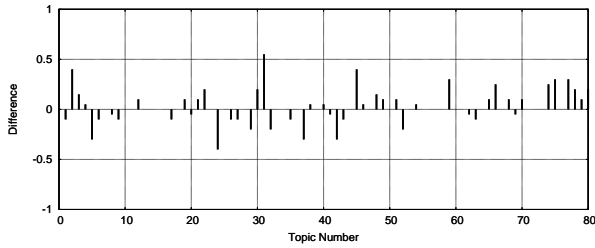
(2) Evaluation Result when Considering Links ('Target'-type Evaluation)

Summary Statistics	
Run ID	K3100-ds-01
Subtask	Subtask A (target)
Relevant Level	Level1 (S or A)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	80

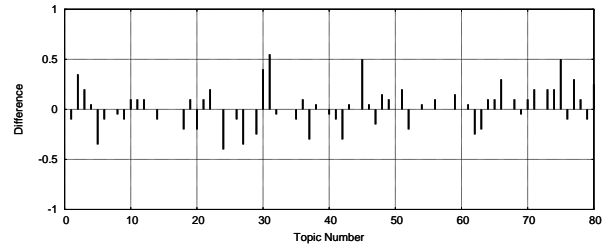
Summary Statistics	
Run ID	K3100-ds-01
Subtask	Subtask A (target)
Relevant Level	Level2 (S, A or B)
Query Method	automatic
Topic Part	DISC only
Contents/Links Used	contents&links
Number of Topics	80

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level1) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.2725	0.3850	36	0.4500
At 10 docs	0.2338	0.4002	27	0.3375
At 15 docs	0.2208	0.4021	25	0.3125
At 20 docs	0.2156	0.4054	20	0.2500

Document Level Precision Averages, Mean Reciprocal Rank (MRR), and the Number (#) and Percentage (%) of Topics for which No Relevant Document (Level2) were Retrieved				
	Precision	MRR	#	%
At 5 docs	0.3425	0.4725	26	0.3250
At 10 docs	0.3025	0.4814	20	0.2500
At 15 docs	0.2850	0.4844	17	0.2125
At 20 docs	0.2775	0.4858	15	0.1875

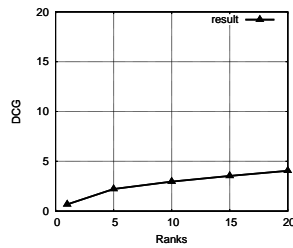


Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*



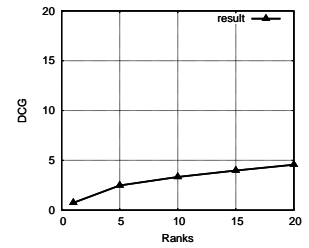
Difference from Median in Precision at Top-ranked 10 Documents per Topic (over 16 'automatic' and 'DISC only' runs)*

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 0$)	
	DCG
At 1 doc	0.6750
At 5 doc	2.2216
At 10 docs	2.9619
At 15 docs	3.5322
At 20 docs	4.0484



Discounted Cummulative
Gain Curve
($G_S = 3, G_A = 2, G_B = 0$)

Discounted (\log_2) Cummulative Gain Averages ($G_S = 3, G_A = 2, G_B = 1$)	
	DCG
At 1 doc	0.7375
At 5 doc	2.4787
At 10 docs	3.3332
At 15 docs	3.9790
At 20 docs	4.5613



Discounted Cummulative
Gain Curve
($G_S = 3, G_A = 2, G_B = 1$)

* Topic Numbers: (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80)
Topic IDs: (1, 2, 3, 4, 5, 6, 7, 9, 11, 14, 15, 19, 21, 22, 23, 24, 25, 26, 28, 29, 30, 31, 34, 38, 43, 44, 45, 46, 55, 57, 58, 60, 61, 62, 63, 65, 66, 67, 68, 70, 71, 72, 73, 74, 76, 77, 78, 79, 80, 71, 72, 73, 74, 76, 77, 80, 81, 82, 84, 86, 88, 89, 91, 94, 95, 97, 98, 99, 108, 110, 111, 112, 116, 117, 119, 120, 122, 123, 127, 129, 132, 133, 143, 145, 146, 149, 150, 151, 152)